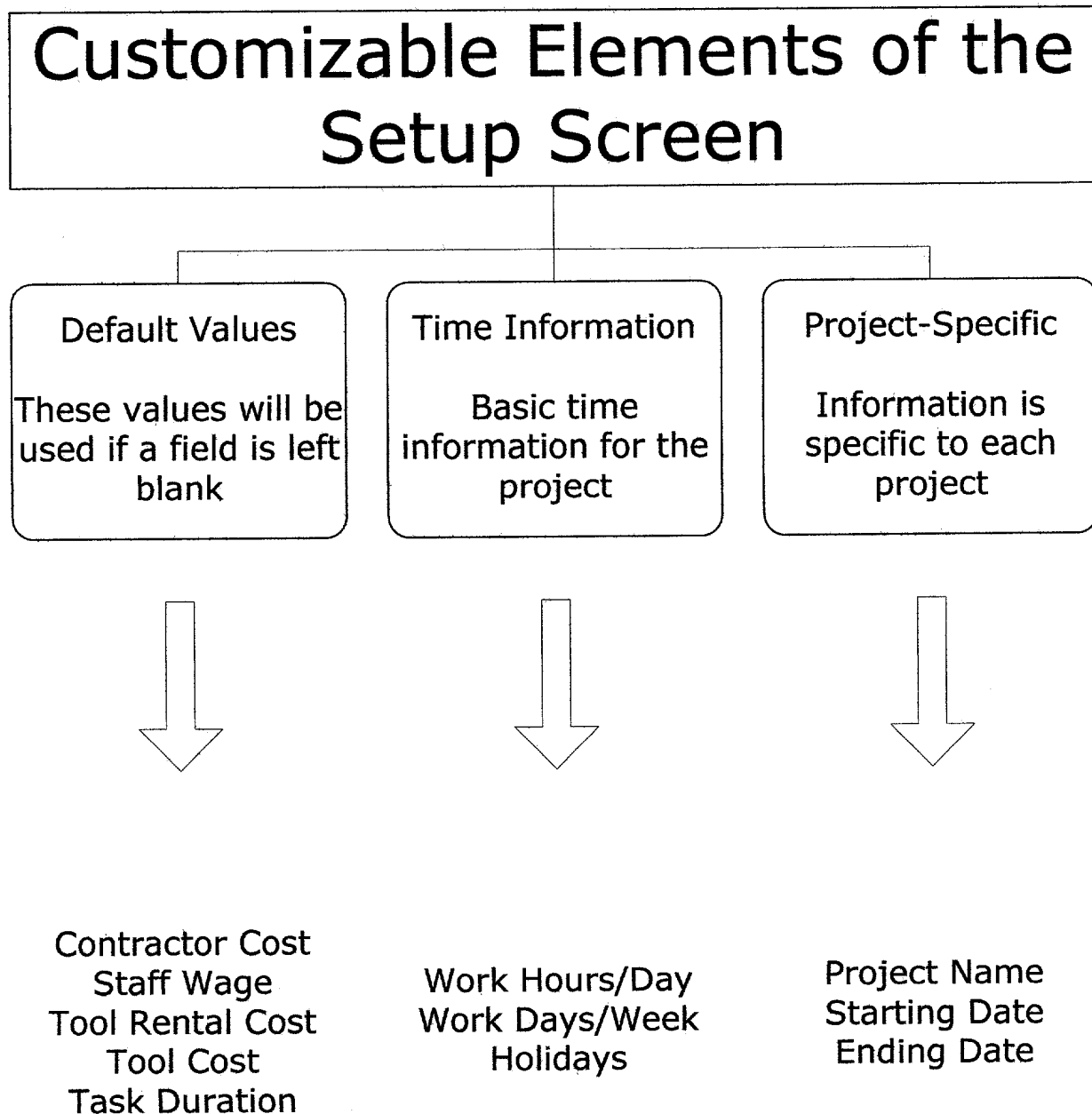
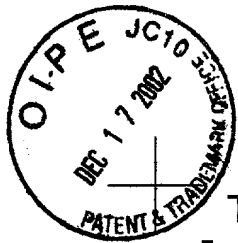


Title of Invention: Four-dimensional resource allocation System
Inventor: Timothy Feiya Su Application Number: 10/065,341

Figure 1

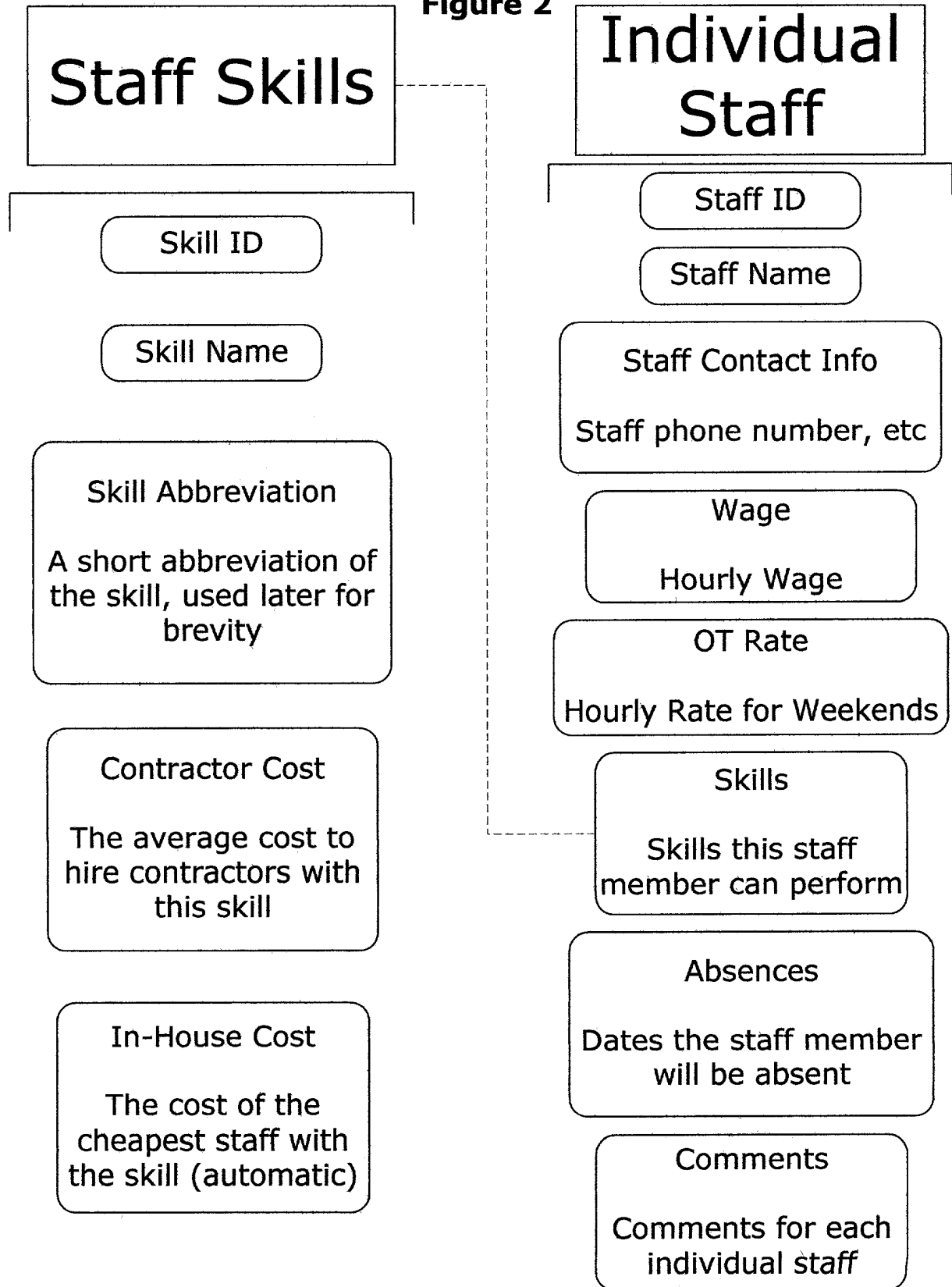


not for use

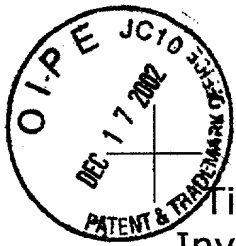


Title of Invention: Four-dimensional resource allocation System
Inventor: Timothy Feiya Su Application Number: 10/065,341

Figure 2

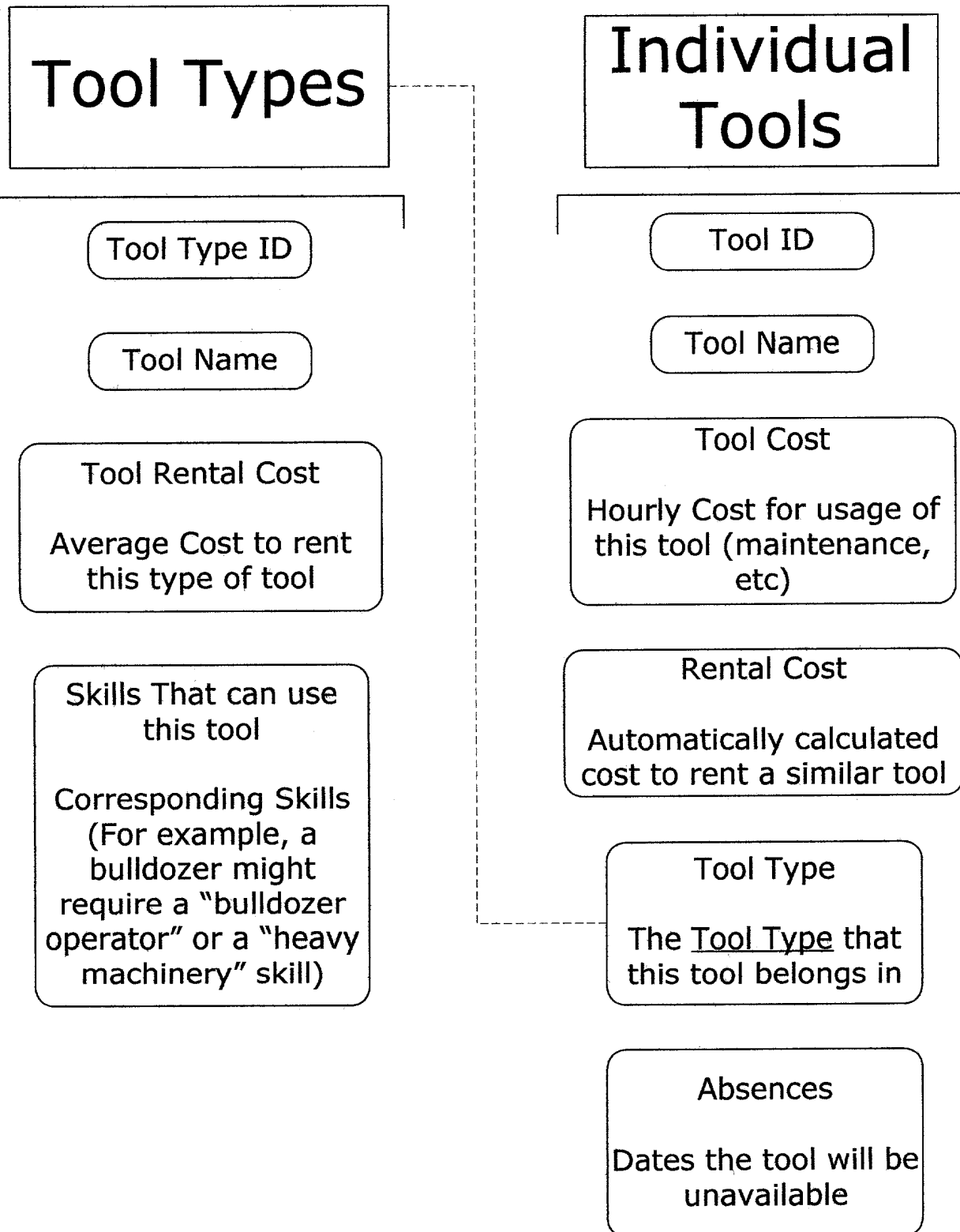


2006-11-24 14:53:00

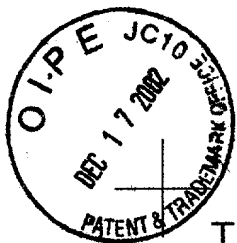


Title of Invention: Four-dimensional resource allocation System
Inventor: Timothy Feiya Su Application Number: 10/065,341

Figure 3



2004-11-17 14:53:04



Title of Invention: Four-dimensional resource allocation System
Inventor: Timothy Feiya Su Application Number: 10/065,341

Figure 4

Task

Task ID

Task Name

Task Manpower Days

How many days/person the task will take (If a task takes 5 manpower days, it would take a single person 5 days, or 5 people 1 day to complete)

Tool Days

Similar to Above, but for tools

Skills Required

Each staff with any of these skills can perform the task

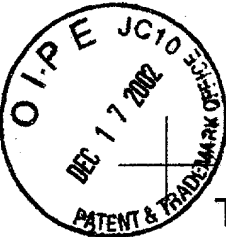
Tools Required

Each tool of any of these Tool Types can perform this task

Min Staff/Day

This is the minimum number of staff that work per day. For example, if for a task there must be two people operating the machines at one time, Min Staff/Day would be 2.

2004 11 11 14:30



Title of Invention: Four-dimensional resource allocation System
Inventor: Timothy Feiya Su Application Number: 10/065,341

Figure 5

Sites

Site ID

Site Name

Site Task's Start Date
Automatically calculated

Site Task Finish Date

Tenders
These are specific staff members allowed to tender the site. They must be present for all work at the site

Closures
This lists all the dates where the site will be closed for work

Site/Task

Each site has its own database of tasks - so each task can be a different duration for each site

Task Name

Task Duration

Tool Duration

Start Date
If given a start date, the task must start *after* this date

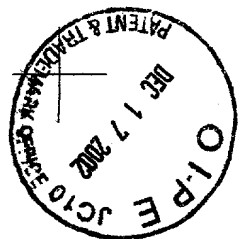
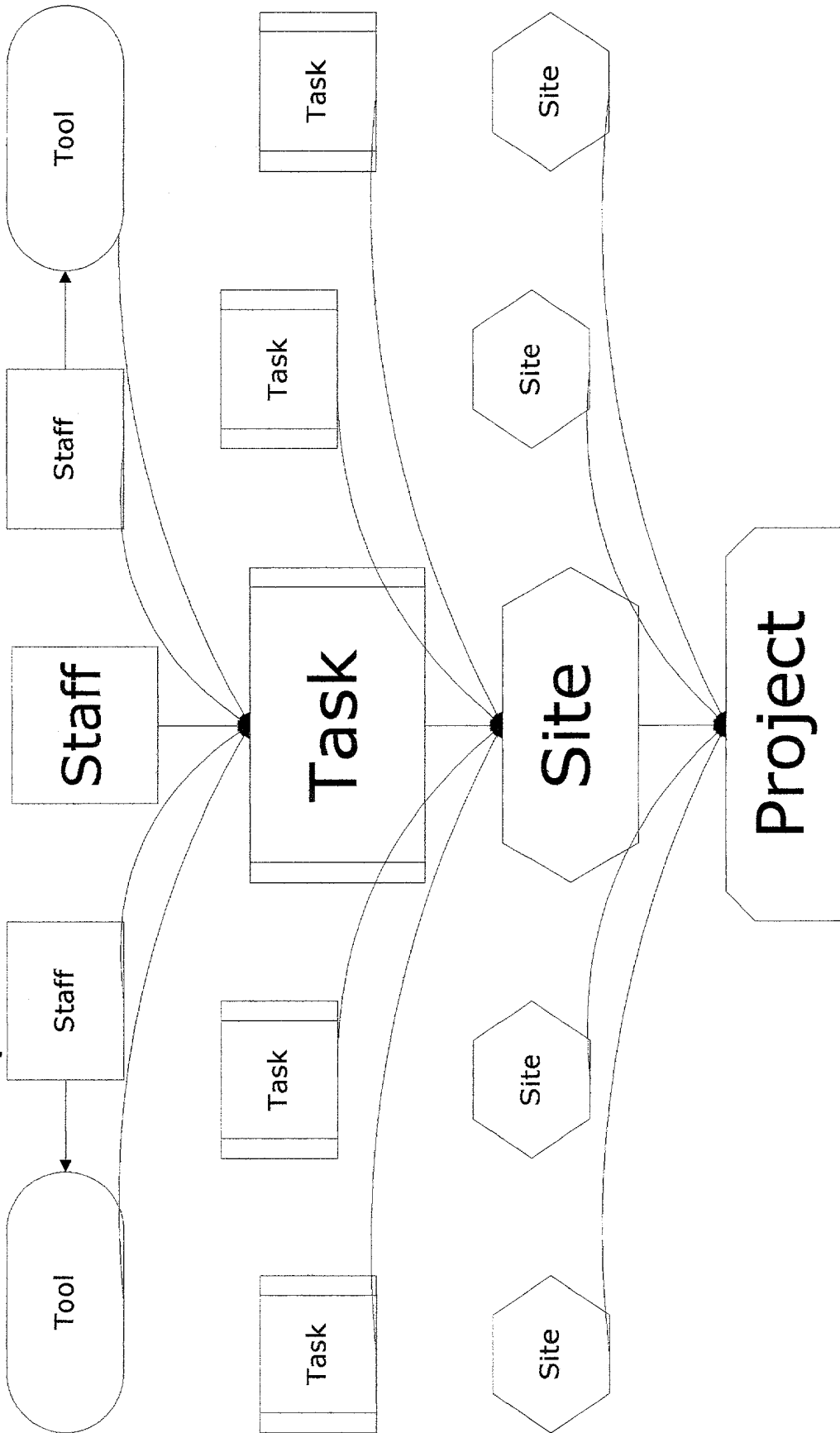
End Date
If given an end date, the task must finish *by* this end date

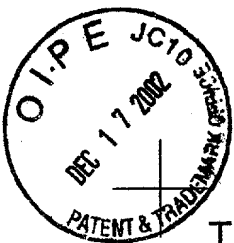
not to be used

Title of Invention: Four-dimensional resource allocation System
Inventor: Timothy Feiya Su Application Number: 10/065,341

Figure 6

Relationship Between Staff/Tool/Task/Site

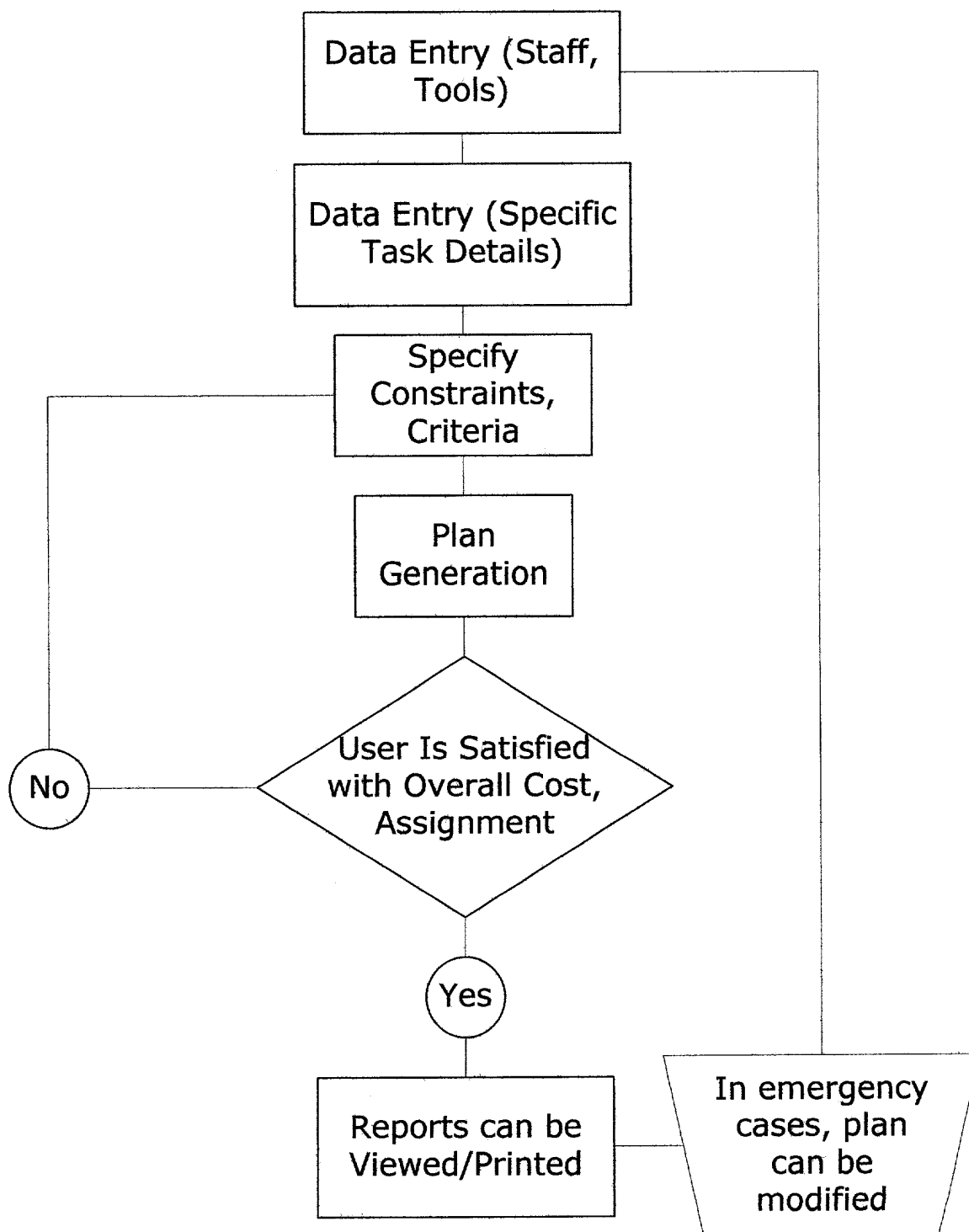




Title of Invention: Four-dimensional resource allocation System
Inventor: Timothy Feiya Su Application Number: 10/065,341

Figure 7

Plan-Generation Process
(Overview)



2006-11-14 14:59:01